

POSITIONS, AREAS, AND COUNTS OF SUNSPOTS FOR AUGUST 1945—Continued

PROVISIONAL RELATIVE SUNSPOT NUMBERS FOR JUNE 1945 AND AUGUST 1945

[Based on observations at Zurich except as indicated by an asterisk. Data furnished through the courtesy of Prof. W. Brunner, Swiss Federal Observatory, Zurich, Switzerland]

Date	East-ern stand-ard time		Mount-Wilson group No.	Heliographic				Area of spot or group	Spot count	Plate quality	Observatory
				Dif-ference in longi-tude	Lon-gi-tude	Lat-i-tude	Dis-tance from cen-ter of disk				
1945 21	h 11	m 45		°	°	°	°			(†)	Mt. Wilson.
22	11	15	7825	-23	317	-20	35	6	1	(†)	Do.
				(340)	(+7)			6	1		
23	9	56	7825	-7	320	-20	28	24	7	G	Do.
				(327)	(+7)			24	7		
24	10	41	7828	0	314	+27	20	6	1	F	Do.
			7825	+7	321	-20	28	16	3		
			7827	+49	3	-12	52	6	1		
			7827	+50	4	-11	53	12	2		
			7829	+66	20	-20	69	12	1		
				(314)	(+7)			52	8		
25	9	28	7825	+20	321	-20	33	24	4	G	Do.
				(301)	(+7)			24	4		
26	9	31	7829	-20	268	-29	41	12	1	F	Do.
				(288)	(+7)			12	1		
27	9	32			None	None				(†)	Do.
28	10	18	7830	-60	201	-17	64	24	1	G	U. S. Naval.
			7830	-57	204	-17	61	48	1		
				(261)	(+7)			72	2		
29	10	45	7830	-47	201	-17	52	24	6	G	Do.
			7830	-42	206	-17	49	48	4		
			7831	+59	307	+34	60	12	2		
				(248)	(+7)			84	12		
30	10	32	7830	-30	204	-16	39	6	1	G	Do.
			7830	-28	206	-17	37	24	4		
				(234)	(+7)			30	5		
31	10	57	7833	-70	151	-22	73	48	2	G	Do.
			7833	-68	153	-21	71	97	1		
			7830	-15	206	-17	28	12	1		
			7832	+40	261	-20	48	12	2		
				(221)	(+7)			169	6		

June 1945	Relative numbers	June 1945	Relative numbers	June 1945	Relative numbers
1	20	11	d35	21	62
2	10	12	d42	22	56
3	d22	13	50	23	48
4	8	14	53	24	39
5	22	15	53	25	a28
6	22	16	68	26	Mc25
7	23	17	a70	27	26
8	8	18	Eac67	28	23
9	Mc*19	19	59	29	19
10	a21	20	ad64	30	23

Mean, 30 days=36.2

August 1945	Relative numbers	August 1945	Relative numbers	August 1945	Relative numbers
1	a23	11	38	21	0
2	26	12	53	22	0
3	24	13	b63	23	8
4	23	14	70	24	16
5	19	15	71	25	8
6	17	16	51	26	0
7	d36	17	34	27	0
8	17	18	34	28	Ec9
9	30	19	34	29	10
10	35	20	*18	30	8
				31	20

Mean, 31 days=25.6

*Observed at Locarno.
 a Passage of an average sized group through the central meridian.
 b Passage of a large group through the central meridian.
 c New formation of a group developing into a middle sized or large center of activity; E, on the eastern part of the Sun's disc; W, on the western part; M, in the central circle zone.
 d Entrance of a large or average sized center of activity on the east limb.

Mean daily area for 31 days=290

*Not numbered.
 †Data from Mount Wilson charts.
 VG=very good; G=good; F=fair; P=poor.

